

AP3 Rec'd PCT/PTO 09 JUN 2004

Attorney Docket No. 2003P01540WOUS

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Egbert Classen et al
Application Number: Unassigned
Filing Date: Concurrently Herewith
Group Art Unit:
Examiner:
Title: DISHWASHING MACHINE HAVING A DOSING DEVICE
FOR ADDITIVES AND ASSOCIATED METHOD

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

EP 0 392 196 discloses that in a filling-level monitoring device for a supply and dispensing unit for washing or rinsing agents, the container filling levels (TF) at which a signalling device responds in order to indicate the need for replenishing a washing or rinsing agent each correspond to a residual filling quantity (RFM) in each container (BV,BF,BW,BB) which is sufficient for at most five doses of the same agent, each of at most 120 ml. This gives a request for replenishment some degree of urgency, and therefore the attendant will fill up the particular container as soon as possible while inconvenience will be avoided.

DE 195 11 789 discloses a volumetric dispensing and discharging unit for liquid detergents and additives is for household washing machines and dishwashers. It has a dispensing chamber with an adjustable volume controlled by a control unit (31) operated by means of a timer (32). The control unit (31) controls the transfer of detergent and additives from a container (110) into the dispensing chamber and then from there into the washing space (37) of the machine. An additional device (23) is provided for regulating a changeable

volume of the dispensing chamber in accordance with changing amounts of detergent and additives to be introduced into the wash space of the machine.

DE 100 10 194 discloses the production of micro- and/or nano-capsules comprises mixing together the starting materials for the capsules under laminar conditions and encapsulating in the conventional manner.

DE 38 12 109 discloses that the chamber-like detergent-feeding devices built into a door of a dishwasher can be closed by a lid. They serve to receive powdered detergent and clear rinses. The detergent-feeding device is also to be suitable for liquid detergent. In order to be able to add liquid detergent in a precisely metered amount into the cleaning chamber of the appliance, a motor-driven pump in connection with a storage container for the detergent is arranged in the device housing. With the detergent-feeding device, a defined amount of detergent is sucked out of the storage container via the pump and dispensed into the appliance in a precisely metered fashion via a dispensing part.

DE 40 18 582 discloses that the commercial dishwasher has at least one washing-tank (7) for circulating washing-water (2). It has a supply-pipe (3) for a liq. washing-agent (6), with a metering-pump (8) in the supply-pipe (3). Directly in front of the opening into the washing-tank (7) in the supply-pipe (3) is an injector nozzle (9) with a suction-pipe (10) to at least one storage container (1) for a liq. additive (12).

DE 32 37 785 discloses that an apparatus for the individual metered conveyance of a plurality of pumpable active substances from a respective supply container into a common working container and for mixing the conveyed active substances with a working medium is to be so reduced in size and simplified that no cost-related obstacles oppose its use for consumer products. The solution for achieving this object is that the supply containers (1-5) and a working-medium intake line (11) can be connected via individually controllable valves (12-17) to a collecting channel (19), the collecting outlet (20) of which can be connected to the working container (35) via a pump (21) closing in an air-tight manner. Such an apparatus can advantageously be employed for the individual metered conveyance of pumpable detergent active substances, to be mixed with the working medium water, from supply containers into the tub of a washing machine.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications,

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it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



Russell W. Warnock

Registration No. 32,860

June 9, 2006

BSH Home Appliances Corp.
100 Bosch Blvd
New Bern, NC 28562
Phone: 252-672-7927
Fax: 714-845-2807
russ.warnock@bshg.com

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	Unassigned
Filing Date	Concurrently Herewith
First Named Inventor	Egbert Classen et al
Art Unit	4132
Examiner Name	Natasha Smith
Attorney Docket Number	2003P01540WOUS

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/nns/		EP 0 048 519	03-31-1982	Norman Jason Pritchard		✓
/nns/		EP 0 392 196	10-17-1990	Manfred Krueger et al		
/nns/		EP 1 186 694	03-13-2002	Toshimasa Tanaka et al		✓
/nns/		JP 63 318997	12-27-1988	Tsutazumi Junichi et al		
/nns/		DE 195 11 789	10-05-1995	Paolo Fornasari		
/nns/		DE 100 10 194	09-13-2001	Dr. Ilona Lange et al		

**Examiner
Signature**

/Natasha Smith/

Date Considered

12/01/2008

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		DE 82 32 215	04-26-1984	Bosch und Siemens Ha		
		AT 000 025	03-25-2003	Hagelimer Betriebshygi		
/nns/		WO 02/058528	08-01-2002	Richard P. McNabb et a		✓
/nns/		DE 38 12 109	10-26-1989	Schwarzwaelder Uhrwe		
/nns/		GB 2 288 191	10-11-1995	Robert A. Butler		✓
/nns/		DE 40 18 582	12-12-1991	Friedel Rings		

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/nns/		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/nns/		DE 32 37 785	09-15-1983	Manfred Krueger		
/nns/		International Search Report PCT/EP2004/053343	06-30-2005			✓

Examiner Signature	/Natasha Smith/	Date Considered	12/01/2008
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